Stryker
Integrated Logistics Support (ILS) Program
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Stryker ILS Program Update

- ILS Program Element Highlights
- Current ILS Program Initiatives
- Future ILS Program Initiative Areas

Supply Support Transition Requisition Flow

Auburn, WA

Stryker Unique

Existing Sources of Supply

Standard Distribution Depots/DVD

DAAS

STAMIS

Funded Requisitions

OMA TRM to MACOMs

Using AWCF

GDLS/PM Collaborative Requirements Determination

Apply Supply Metrics

Retain Auburn and Forward Repair Activities (FRAs)

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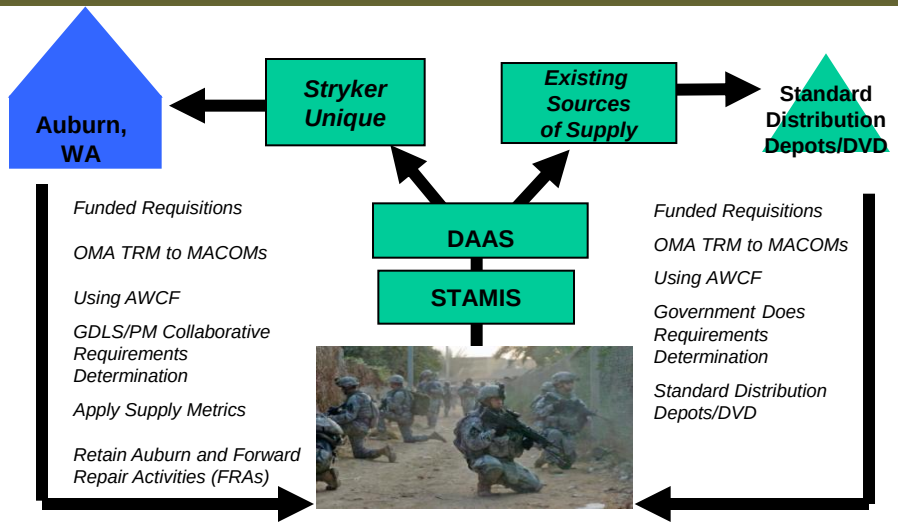
Stryker ILS Program Highlights

- **Technical Data**
  - 10 Operator (paper)
  - 13&P (CD) Interactive Electronics Technical Manuals (IETMS) w/ National Stock Number (NSN) assignments
- **Manpower & Personnel**
  - Transitioning to Full Organic (Blue to Green) for Unscheduled Maintenance
- **Training & Training Support**
  - Operator & Field Level Maintenance New Equipment Training
- **Supply Support**
  - Part of Contractor Logistics Support / Transitioning to Funded Requisitions thru Standard Systems
- **Support Equipment**
  - Use Maintenance Support Device (MSD)

Stryker ILS Program Highlights (cont.)

- **Design Interface**
  - Strive to Retain Max Commonality for Reduced Log Footprint
- **Maintenance Planning**
  - 2 Levels / Log Products Reflect; Field Level: Fault Isolate to Remove & Replace; Sustainment Level: Assemble Repairs beyond BDE capability
- **Computer Resources Support**
  - Vehicle Software Updates w/ Maintenance Support Device (MSD) / thru Single Entry Point Desired
- **Facilities**
  - No new to Sustain (after Handoff & NET)
- **Packaging, Handling, Storage & Transportability**
  - Best Commercial for Parts / some Long Life Reusable Containers

Blue (Contractor) to Green (Increased Organic) Transition Initiative



History - CLS (Contractor Logistics Support) through GDLS (General Dynamics Land Systems) was approved as the initial Stryker Support Strategy. CLS maintenance was used to off set the lack of maintenance personnel in the Bde structure. CLS supply support was included since the program was fast paced and the parts provisioning files and organic inventory, could not be established in time to support the accelerated fieldings. In 2006, the Army decided to transition Stryker Support in 2 general areas:

1) The Bde would move supply support to funded requisitions through STAMIS (Standard Army Management Information Systems) so users have visibility of parts flow

2) The Bde would reduce the contractors for unscheduled maintenance and plus up the Bde's M/TOE with additional organic personnel

Unscheduled Maintenance Transition
Contractor Personnel
Before and After Transition

	Garrison	Deployment	Post Transition
Brigade Lead	1	1	0
FSRs	0	0	4
Stryker Unique Service Team	12	12	12
PCCs	7	11	0
MGS/NBCRV Mechanics	4	4	0
Unscheduled Mechanics	20	27	0
Total Contractor Personnel	***44***	***55***	***16***

Blue to Green Unscheduled Maintenance Transition
(thru increase of 103 ea. organic personnel of various MOSs to include 42 ea. MOS 63B Wheeled Vehicle Mechanics):

- SBCT 3 (1/25) and SBCT 2 (2SCR) complete

- SBCT 4 (4/2) back to full CLS through their current deployment

- SBCT 5 (2/25) requested to return to full CLS through Aug 11

- SBCT 6 (56th) scheduled June 10

- SBCT 1 (3/2) and SBCT 7 (5/2) scheduled in FY11

Examples: Stryker ILS Program Initiatives

- **Provisioning:**
  - **All variants except MGS and NBCRV are fully provisioned / NSN assignment at about 95% / MGS and NBCRV expected to reach 95% NSN assignment by May 2010**
- **Technical Publications:**
  - **Operator TMs and 13&P IETM authenticated for all variants except MGS and NBCRV**
  - **Expect MGS authentication Feb 2010 and NBCRV authentication May 2011**
- **Stryker Digital Schematic Tool:**
  - **Version 1 is complete and being fielded**
- **IUID (Item Identification):**
  - **Vehicles and some candidate parts being tagged**

Examples: Stryker ILS Program Initiatives (cont.)

- **Remote Weapon System Diagnostic Kit**
  - **Development completed / fielding in Oct 09**
- **120 mm Mortar Graphical Firing Scales**
  - **Contract awarded for production**
- **Stryker STTE (Special Tools and Test Equipment) Container**
  - **Contract awarded for development of prototype enclosure**
- **Mobile Gun System Bore sight Kit**
  - **Contract awarded with options for future requirements**

O&S Cost and Readiness Drivers Methodology to Identify & Reduce / Fleet Logistics Management Process

- **Review Demand Data Base - Filter out minor parts (e.g., washers), cancelled requisitions, those other than from field**
- **Apply Weighting Criteria**
  - **Total Weight Value = Replacements x Avg R&O Cost x R&O TAT x R&R MMH x Mission Criticality**
- **Isolate top 40 O&S / Readiness Drivers**
  - **Obtain approval to investigate cause & present results**
- **Offer possible solutions - priority on logistics solutions first over hardware solution second**
- **Pursue Solution - Apply solution and continually monitor for positive impact**
- **Example – Implementing New TMDE/NEOF Tester**
  - **MGS Cost Savings – $308,604 Total (up to Mar 09)**
  - **RWS Cost Savings - $2,494,275 Total (up to Mar 09)**
  - **Vetronics - $2,340,435 Total (up to Mar 09)**

Item #	RWS	Part/SAP#	Description	Total Field Orders Jan-2007 - Dec-2008	Avg R&O / Cost of New	R&O TAT Weighting	MMH Weighting	Mission Criticality Weighting	Total Weight Value
1		10650117	Power Pack in Container	1447	$38,276.42	1.5	1	5	415394800.7779
2		10655042-021	Wheel and Tire Assembly	11281	$773.18	1.5	1.2	3	47100301.9402
3		16102073-006	Video Display Terminal	490	$7,368.07	1.5	1.2	5	32493205.8970
4	RWS	68112518-01	Thermal Imaging Module (TIM)	384	$17,454.86	1	1.2	3	24129599.6927
5		10651062-011PEG	Differential Assembly	1025	$2,328.17	1.2	1.2	5	17181921.6457
6		10650900-011PEW	Transfer Case Assembly	343	$3,888.79	1.2	1.5	5	12004682.7173
7	RWS	68096450-02	Right Side Support	190	$8,025.12	1.2	1	5	9148635.0900
8	RWS	DRW-1043	Cocking Actuator	224	$6,553.00	1.2	1	5	8807228.0426
9		10651061-011PEG	Differential Assembly	399	$2,415.85	1.2	1.5	5	8675320.3321
10		LS1025001	HMS Manifold Assy	368	$4,226.32	1.2	1.5	3	8398544.3482
11	RWS	DRW-3238	Visible Imaging Module (VIM)	172	$9,100.86	1.2	1	3	5635253.3126
12		10660858-001	BATTERY STORAGE, HAWKER	2841	$452.99	1	1	3	3860845.2038
13		10655752-021	Power Assist Assy	87	$9,177.26	1.5	1	3	3592896.3155
14		10651073-011PEG	Wheel Drive / Suspension	301	$2,075.38	1.2	1.5	3	3373329.0590
15		10652126-011	Wire Rope / Winch Assembly	182	$5,144.87	1.2	1	3	3370920.8263
16	RWS	DRW-1145	Cocking Bracket M2	343	$1,785.61	1	1	5	3062328.4591
17	RWS	16102482-421	Sight Servo Assy	170	$4,803.01	1.2	1	3	2939441.8097
18		10652379-011	HMS Manifold Assy	266	$3,660.17	1	1	3	2920819.5041
19		10651072-011PEG	Wheel Drive / Suspension	251	$2,083.90	1.2	1.5	3	2824520.1378
20		307-8324	Turbo Charger (Water Cooled)	456	$1,020.32	1.2	1	5	2791584.1324

Stryker ILS Program
Possible Additional Initiatives Areas

- Technologies & Processes to Reduce Total Life Cycle Ownership Costs
- Alternatives for HAZMAT Applications (CFR 1910.1200)
- Improved Diagnostics for Vehicle and Critical LRUs
- Increase Reusable Shipping Containers
- Reduce Maintenance & Maintainer Cost (Field Level)
- Improved Tracking Systems
- Reduce Transportation Costs
- Technology to Reduce Assembly Repair Turn Around Times (National Level)

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